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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number

101400, 220

APPLICATION AS FILED - PART I

(Column 1) (Column 2)

| FOR | NUMBER FILED | NUMBER EXTRA |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| BASIC FEE (37 CFR 1.16(a), (b), or (c)) | | |
| SEARCH FEE (37 CFR 1.16(k), (l), or (m)) | | |
| EXAMINATION FEE (37 CFR 1.16(o), (p), or (q)) | | |
| TOTAL CLAIMS (37 CFR 1.16(l)) | minus 20 = | * |
| INDEPENDENT CLAIMS (37 CFR 1.16(h)) | minus 3 = | * |
| APPLICATION SIZE FEE (37 CFR 1.16(s)) | If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | |
| MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(l)) | | |

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

| RATE (\$) | FEES (\$) |
|-----------|-----------|
| X | = |
| X | = |
| X | = |
| X | = |

| RATE (\$) | FEES (\$) |
|-----------|-----------|
| X | = |
| X | = |
| X | = |
| X | = |

TOTAL

TOTAL

* If the difference in column 1 is less than zero, enter "0" in column 2.

APPLICATION AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---------------------------------------|-------------------------------------------|-------|---------------------------------------------|------------------|
| Total (37 CFR 1.16(g)) | 21 | Minus | 20 | = 1 |
| Independent (37 CFR 1.16(h)) | | Minus | 3 | = 1 |
| Application Size Fee (37 CFR 1.16(s)) | | | | |

SMALL ENTITY

OR

OTHER THAN
SMALL ENTITY

| RATE (\$) | ADDI- TIONAL FEE (\$) |
|-----------|-----------------------------|
| x 85 = | 85 |
| x 100 = | |
| | |
| | |

180

TOTAL
ADD'L FEE

pd

| RATE (\$) | ADDI- TIONAL FEE (\$) |
|-----------|-----------------------------|
| x 50 = | |
| x 200 = | |
| | |
| | |

360

TOTAL
ADD'L FEE

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|---------------------------------------|-------------------------------------------|-------|---------------------------------------------|------------------|
| Total (37 CFR 1.16(g)) | | Minus | ** | = |
| Independent (37 CFR 1.16(h)) | | Minus | *** | = |
| Application Size Fee (37 CFR 1.16(s)) | | | | |

| RATE (\$) | ADDI- TIONAL FEE (\$) |
|-----------|-----------------------------|
| X = | |
| X = | |
| | |
| | |

TOTAL
ADD'L FEE

| RATE (\$) | ADDI- TIONAL FEE (\$) |
|-----------|-----------------------------|
| X = | |
| X = | |
| | |
| | |

TOTAL
ADD'L FEE

- * If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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File purpose

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANTS: Sung Gu Kang, Woo Kyung Bae, and Jung-Jae Kim

APPLICATION NO.: 10/600,226

FILING DATE: June 19, 2003

TITLE: FORMING CARBON NANOTUBES AT LOWER TEMPERATURES SUITABLE
FOR AN ELECTRON EMITTING DEVICE

EXAMINER: Mariceli Santiago

GROUP ART UNIT: 2879

ATTY. DKT. NO.: 23976-08768

CERTIFICATE OF MAILING

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COMMISSIONER FOR PATENTS
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AMENDMENT B

Sir:

In response to the Office Action mailed July 28, 2005, please amend the above-referenced application as indicated in the following pages.